

## Wisconsin Pest Survey Report

### 2011 Crop Export Certification

In 2011 the Pest Survey team provided inspection services to 15 seed producing companies and the University of Wisconsin, for a total of 107 crop and vegetable fields grown on 464 ac. 103 foliar and 10 soil samples were tested for a variety of bacterial, fungal, viral diseases and nematodes at Plant Industry Laboratory as required by importing countries.

**Corn:** A total of 58 corn leaf samples from 271 ac of seed plots in seven counties (Adams Columbia, Dane, Eau Claire, La Crosse, Rock and Sauk) were tested to meet export requirements. Stewart's wilt (*Pantoea stewartii*) was not detected in any sample. Twenty out of 58 samples (34%) tested positive for Goss's wilt (*Clavibacter michiganensis* pv. *nebraskensis*). This is the second year that high levels of Goss's wilt have been detected in corn in Wisconsin and throughout the Mid-west. In 2011 Goss's wilt was found in Columbia, Dane, Eau Claire, La Crosse and Rock Counties.

**Soybean:** Twelve seed fields (161 ac) in five counties (Jackson, Outagamie, Fond du Lac, Rock, Shawano) were tested for the following diseases as required by various importing countries, see table below.

Soybean fields are tested for each of these diseases to meet export guidelines	No of fields testing positive
Soybean cyst nematode ( <i>Heterodera glycines</i> )	2
Cercospora leaf blight ( <i>Cercospora kikuchii</i> )	0
Anthrachnose stem blight ( <i>Colletrichum truncatum</i> )	0
Stem canker ( <i>Diaporthe phaseolorum</i> )	0
Downy Mildew ( <i>Peronospora manshurica</i> )	11
Frogeye leaf spot ( <i>Cercospora soja</i> )	3
Phyllosticta leaf spot ( <i>P. sojae</i> )	3
Bacterial tan spot ( <i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i> )	0
Alfalfa Mosaic Virus (AMV)	5
Bean Pod Mottle Virus (BPMV)	1
Southern Bean Mosaic Virus (SBMV)	0
Tobacco Ringspot Virus (TRSV)	0
Tomato Ringspot Virus (ToRSV)	0

**Vegetables:** Thirty-three vegetable samples such as: cucurbits, peppers, snap beans and onions were certified for export.

Please contact Ellen Hermanson at (608) 224-4576 if you would like to schedule a field inspection. [http://datcp.wi.gov/Plants/Plant Shipment and Exports/index.aspx](http://datcp.wi.gov/Plants/Plant%20Shipment%20and%20Exports/index.aspx)